

101064846

**TRANSMITTAL LETTER**  
**(General - Patent Issued)**

Docket No.  
VI/02-023

Patentee(s): **GRIFFITHS et al.**

U.S. Patent No.

7,221,159

Issue Date

May 22, 2007

Title: **COMMUNICATION SYSTEMS FOR USE WITH MAGNETIC RESONANCE IMAGING SYSTEMS**

COMMISSIONER FOR PATENTS:

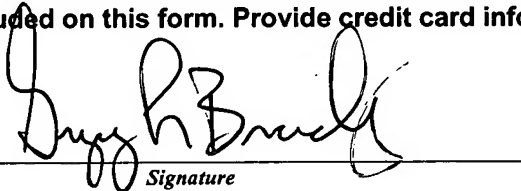
Transmitted herewith is:

**Request for Certificate of Correction including the Certificate of Correction Form 1050**

**Certificate**  
**JUL 31 2007**  
**of Correction**

- ☐ No additional fee is required.
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account **13-2530** as described below.
- ☒ Charge the amount of **\$100.00**
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

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Signature

**Gregory L. Bradley, Reg. N. 34,299**  
**MEDRAD, Inc.**  
**One Medrad Drive**  
**Indianola, PA 15051**

Dated:

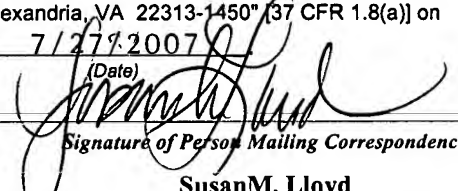
July 27, 2007

**JUL 31 2007**

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Customer No.:

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7/27/2007 (Date)	
Signature of Person Mailing Correspondence	
Susan M. Lloyd	
Typed or Printed Name of Person Mailing Correspondence	

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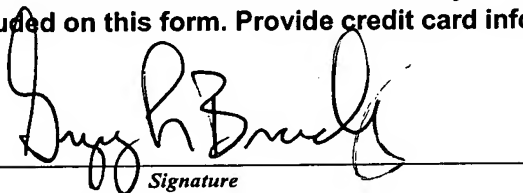
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Signature

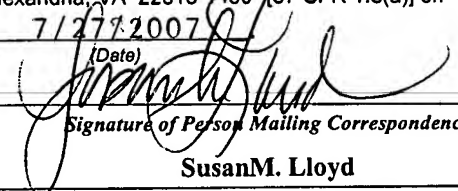
**Gregory L. Bradley, Reg. N. 34,299  
MEDRAD, Inc.  
One Medrad Drive  
Indianola, PA 15051**

Dated: **July 27, 2007**

**JUL 31 2007**

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<b>7/27/2007</b> (Date)	
Signature of Person Mailing Correspondence	
<b>SusanM. Lloyd</b>	
Typed or Printed Name of Person Mailing Correspondence	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	Customer No.: 21140
	)	
Griffiths et al.	)	Art Unit: 2859
	)	
Patent No.: 7,221,159	)	Confirmation No.: 3127
	)	
Issued: 22 May 2007	)	Examiner: Shrivastav, Brij B.
	)	
For: COMMUNICATION SYSTEMS FOR )		Docket No.: VI/02-023
USE WITH MAGNETIC )		
RESONANCE IMAGING SYSTEMS )		Date: July , 2007

REQUEST FOR CERTIFICATE OF CORRECTION  
TO CORRECT  
PATENTEE'S MISTAKES

Commissioner for Patents  
Office of Patent Publication Attention: Certificates of Correction Branch  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir/Madam:

MEDRAD, Inc., assignee of U.S. Patent 7,221,159 ("159 patent") issued 22 May 2007, hereby requests that the changes noted on the attached Form-1050 be made to the referenced patent, and that an official *Certificate of Correction* be issued by the U.S. Patent and Trademark Office (USPTO) pursuant to 37 C.F.R. §1.323.

Pursuant to 37 C.F.R. §3.73, the assignee affirms that it is the sole owner of the '159 patent by virtue of a chain of assignments from the inventors to MEDRAD, Inc., the current assignee. As of today's date, all of the assignments in the chain have been

JUL 31 2007

recorded with the ASSIGNMENT DIVISION OF THE USPTO. A copy of the recordals are attached hereto. Furthermore, as required by 37 C.F.R. §3.73(2)(i), the undersigned is authorized to act on behalf of the assignee.

The requested corrections are necessary to correct several mistakes, some made by the USPTO and others made by the Patentee. For example, the priority claim should be deleted as requested during prosecution (see *Preliminary Amendment* and *Request for Corrected Filing Receipt* both dated 15 August 2003). Given the number of mistakes made by Patentee, however, the undersigned on behalf of the assignee submits herewith the fee imposed by 35 U.S.C. 1.20(a) for correction of same.

The location of the mistakes and the corrections to be made therefore are shown in the attached Form-1050, in duplicate, with at least one copy being suitable for printing. The errors occurred at the time of filing of the application for patent, and were inadvertent and made without deceptive intent. The errors are all of a clerical, typographical and/or minor character, and their correction does not require reexamination or introduce any new matter into the patent.

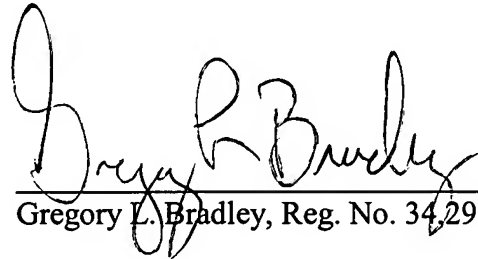
Assignee hereby requests that the *Certificate of Correction* be issued in due course and that the original be sent to the undersigned counsel of record for Assigned and Patentee.

Accompanying this submission is the required fee of \$100, imposed by 37 C.F.R. §1.20(a), for correction of the mistakes.

JUL 31 2007

Prompt issuance of the *Certificate of Correction* is respectfully requested. If the recipient of this correspondence has any questions regarding the matters addressed herein, the recipient is invited to call the undersigned at the telephone number listed below.

Respectfully submitted,

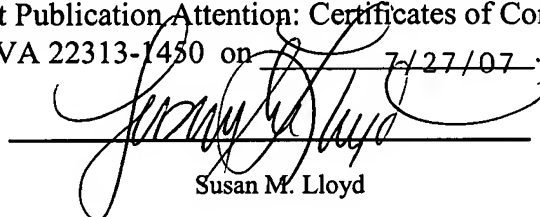
  
\_\_\_\_\_  
Gregory L. Bradley, Reg. No. 34,299

Date: July 27, 2007

MEDRAD, Inc.  
One Medrad Drive  
Indianola, PA 15051

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being mailed to the United States Postal Service addressed to The Commissioner for Patents Office of Patent Publication Attention: Certificates of Correction Branch, P.O. Box 1450 Alexandria, VA 22313-1450 on 7/27/07.

  
\_\_\_\_\_  
Susan M. Lloyd

JUL 31 2007

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO. : 7,221,159

DATED : May 22, 2007

INVENTOR(S) : Griffiths et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Title Page**

(63) Delete section "RELATED U.S. APPLICATION DATA"

**Column 1**

Lines 5 through 13, delete "CROSS REFERENCE TO RELATED APPLICATIONS..." through "...by reference."

**Column 19**

Line 48, change "bracketshaped" to "bracket-shaped"

**Column 22**

Line 36, change "bracketshaped" to "bracket-shaped"

Line 59, after "which" add "is"

Line 64, after "which" add "is"

**Column 23**

Line 3, change "transceiver" to "transceivers"

Line 5, change "antenna" to "antennas"

MAILING ADDRESS OF SENDER (Please do not use customer number

PATENT NO. \_\_\_\_\_

No. of additional copies

**JUL 31 2007**

# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

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UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

NOVEMBER 07, 2003

PTAS

Chief Financial Officer and Chief Administrative Officer  
Washington, DC 20231  
www.uspto.gov

MEDRAD, INC.  
JAMES R. STEVENSON  
ONE MEDRAD DRIVE  
INDIANOLA, PA 15051



\*102462298A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/30/2003

REEL/FRAME: 014113/0608  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BROSOVICH, JOHN A.

DOC DATE: 05/19/2003

ASSIGNEE:

MEDRAD, INC.  
ONE MEDRAD DRIVE  
INDIANOLA, PENNSYLVANIA 15051

SERIAL NUMBER: 10064846  
PATENT NUMBER:

FILING DATE: 08/22/2002  
ISSUE DATE:

MARCUS KIRK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

JUL 31 2007

06-03-2003

Ticket No.: VI/99-024.CIP

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
P08A/REV03

EET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



Tab settings → → → ▼ ▼

102462298

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

John A. Brosovich

5.30.43

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: 5/19/2003

## 2. Name and address of receiving party(ies):

Name: MEDRAD, INC.

Address:

One Medrad Drive

City: Indianola

State/Prov.: PA

Country: USA

ZIP: 15051

Additional name(s) &amp; address(es)

☐ Yes ☒ No

## 4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

10/064,846

8/22/2002

Additional numbers

☐ Yes ☒ No

FINANCE SECTION  
JUL 31 2007  
1064846

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James R. Stevenson

Registration No. 38,755

Address: MEDRAD, INC.

One Medrad Drive

City: Indianola

State/Prov.: PA

Country: USA

ZIP: 15051

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

## 8. Deposit account number:

13-2530

(Attach duplicate copy of this page if paying by deposit account)

JUL 31 2007

1064846

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

James R. Stevenson

Name of Person Signing

Signature

May 28, 2003

Date

4

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20531

13-2530

10000026

ECOPER

06/02/2003

01 FT:8021

## **ASSIGNMENT**

WHEREAS, I, **John A. Brosovich**, a citizen and resident of the United States of America, whose post office address is 1515 Orchlee Street, Pittsburgh, PA 15212 (hereinafter collectively referred to as ASSIGNOR), have invented within the United States and own a certain invention entitled

### **COMMUNICATION SYSTEMS FOR USE WITH MAGNETIC RESONANCE IMAGING SYSTEMS**

which is described in an application for Letters Patent of the United States of America filed on August 22, 2002 and assigned application Serial No. 10/064,846; and

WHEREAS, Medrad, Inc., a corporation organized and existing under the laws of the State of Delaware and having a place of business at One Medrad Drive, Indianola, PA 15051 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries, said application for Letters Patent, and any and all issued Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, divisional, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to ASSIGNEE.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale; and

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

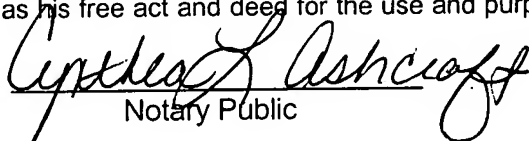
**JUL 31 2007**

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 19 day of May, 2003.

  
\_\_\_\_\_  
John A. Brosovich

STATE OF Pennsylvania                    )  
  ) ss.  
COUNTY OF Allegheny                    )

**BE IT KNOWN**, that on this 19<sup>th</sup> day of May, 2003, before me personally came John A. Brosovich, to me known to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

  
\_\_\_\_\_  
Notary Public

Notarial Seal  
Cynthia L. Ashcraft, Notary Public  
Indiana Twp., Allegheny County  
My Commission Expires Oct. 11, 2004  
Member, Pennsylvania Association of Notaries

JUL 31 2007

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)**Applicant(s): **GRIFFITHS, et al.**

Docket No.

**VI/99-024.CIP**

Serial No.

**10/064,846**

Filing Date

**8/22/2002**

Examiner

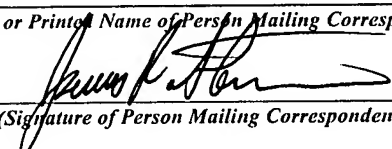
**To be assigned**

Group Art Unit

**2821**Invention: **COMMUNICATION SYSTEMS FOR USE WITH MAGNETIC RESOANNCE IMAGING SYSTEMS**I hereby certify that this **Assignment of John A. Brosovich***(Identify type of correspondence)*

is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The

Commissioner of Patents and Trademarks, Washington, D.C. 20231-0001 on

**May 28, 2003***(Date)***James R. Stevenson***(Typed or Printed Name of Person Mailing Correspondence)*  
*(Signature of Person Mailing Correspondence)***Note: Each paper must have its own certificate of mailing.****JUL 31 2003**



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

APRIL 04, 2003

PTAS

Chief Information Officer  
Washington, DC 20231  
www.uspto.gov

MEDRAD, INC.  
JAMES R. STEVENSON  
ONE MEDRAD DRIVE  
INDIANOLA, PA 15051



\*102303949A\*

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RECORDATION DATE: 12/02/2002

REEL/FRAME: 013541/0667  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GRIFFITHS, DAVID M.

DOC DATE: 11/25/2002

ASSIGNOR:

MISIC, GEORGE J.

DOC DATE: 11/25/2002

ASSIGNOR:

MONSKI, WILLIAM J.

DOC DATE: 11/25/2002

ASSIGNOR:

NG, MO SHUEN

DOC DATE: 11/20/2002

ASSIGNEE:

MEDRAD, INC.  
ONE MEDRAD DRIVE  
INDIANOLA, PENNSYLVANIA 15051

SERIAL NUMBER: 10064846  
PATENT NUMBER:

FILING DATE: 08/22/2002  
ISSUE DATE:

JUL 31 2007

013541/0667 PAGE 2

THERESA FREDERICK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

**JUL 31 2007**

12102104

FORM PTO-535 (Modified)  
(Rev. 01-01)  
OME No. 0651-0027 (exp. 5/31/2002)  
P08A/REV03

12-06-2002

Sheet No.: VI/99-024.CIP

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



102303949

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To the Honorable Commissioner of Patents

Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

David M. Griffiths, George J. Misko, William J. Monski,  
Mo Shuen Ng

## 2. Name and address of receiving party(ies):

Name: MEDRAD, INC.

Address: \_\_\_\_\_

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_One Medrad DriveCity: IndianolaState/Prov.: PACountry: USAZIP: 15051Execution Date: 11/25/02; 11/25/02; 11/25/02; 11/20/02.

Additional name(s) &amp; address(es)

☐ Yes ☒ No

## 4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Patent Application No.

Filing date

B. Patent No.(s)

10/064,8468/22/2002

Additional numbers

☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James R. StevensonRegistration No. 38,755Address: MEDRAD, INC.One Medrad DriveCity: IndianolaState/Prov.: PACountry: USAZIP: 15051

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17. Total fee (37 CFR 3.41):.....\$ 40.00☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

## 8. Deposit account number:

13-2530

(Attach duplicate copy of this page if paying by deposit account)

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

James R. Stevenson

Name of Person Signing

Signature

November 26, 2002

Date

5

Total number of pages including cover sheet, attachments, and

12/05/2002 LUELLER 00000236 10084845 40.00 OP 01 F6:8021



## **ASSIGNMENT**

WHEREAS, We, **David M. Griffiths**, a citizen and resident of the United States of America, whose post office address is 629 Kirtland Street, Pittsburgh, PA 15208; and **George J. Misic**, a citizen and resident of the United States of America, whose post office address is 1936 Duncan Avenue, Allison Park, PA 15101; and **William J. Monski**, a citizen and resident of the United States of America, whose post office address is 1486 Grandview Way, Sewickley, PA 15143; and **Wlo Shuen Ng**, a citizen and resident of the United States of America, whose post office address is 216 Morewood Avenue, #2, Pittsburgh, PA 15213 (hereinafter collectively referred to as ASSIGNOR), have invented within the United States and own a certain invention entitled

### **COMMUNICATION SYSTEMS FOR USE WITH MAGNETIC RESONANCE IMAGING SYSTEMS**

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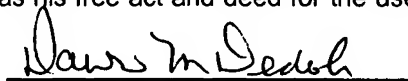
JUL 31 2007

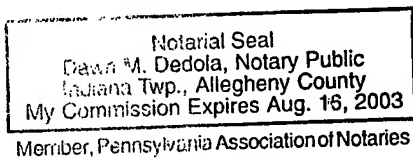
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 25 day of November, 2002.

  
David M. Griffiths

STATE OF Pennsylvania )  
 ) ss.  
COUNTY OF Allegheny )

**BE IT KNOWN**, that on this 25 day of November, 2002, before me personally came David M. Griffiths, to me known to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

  
Notary Public

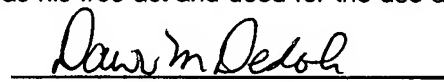


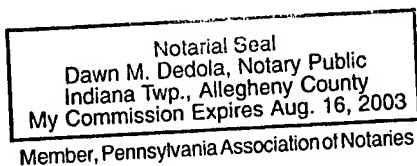
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 25<sup>th</sup> day of November, 2002.

  
George J. Misic

STATE OF Pennsylvania )  
 ) ss.  
COUNTY OF Allegheny )

**BE IT KNOWN**, that on this 25 day of November, 2002, before me personally came George J. Misic, to me known to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

  
Notary Public



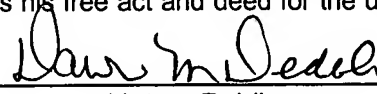
JUL 31 2007

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 25 day of November, 2002.

  
\_\_\_\_\_  
William J. Monski


STATE OF Pennsylvania )  
 ) ss.  
COUNTY OF Allegheny )

**BE IT KNOWN**, that on this 25 day of November, 2002, before me personally came William J. Monski, to me known to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

  
\_\_\_\_\_  
Notary Public

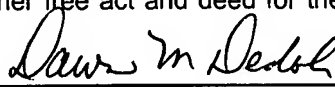
Notarial Seal  
Dawn M. Dedola, Notary Public  
Indiana Twp., Allegheny County  
My Commission Expires Aug. 16, 2003  
Member, Pennsylvania Association of Notaries

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 20<sup>th</sup> day of November, 2002.

  
\_\_\_\_\_  
Mo Shuen Ng

STATE OF Pennsylvania )  
 ) ss.  
COUNTY OF Allegheny )

**BE IT KNOWN**, that on this 20 day of November, 2002, before me personally came Mo Shuen Ng, to me known to be the person mentioned in and who executed the foregoing assignment, and she acknowledged to me that she executed the same as her free act and deed for the use and purposes therein mentioned.

  
\_\_\_\_\_  
Notary Public

Notarial Seal  
Dawn M. Dedola, Notary Public  
Indiana Twp., Allegheny County  
My Commission Expires Aug. 16, 2003  
Member, Pennsylvania Association of Notaries

JUN 31 2007